

ENTERED



PCT09

RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/914,815A

TIME: 12:06:46

Input Set : A:\pf0673usn.txt

Output Set: N:\CRF3\07032002\I914815A.raw

3 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 4 LAL, Preeti
 5 YUE, Henry
 6 HILLMAN, Jennifer L.
 7 LU, Dyung Aina M.
 8 BAUGHN, Mariah R.
 9 TANG, Y. Tom
 10 AZIMZAI, Yalda
 12 <120> TITLE OF INVENTION: LEUKOCYTE- AND BLOOD-ASSOCIATED PROTEINS
 14 <130> FILE REFERENCE: PF-0673 PCT
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/914,815A
 C--> 17 <141> CURRENT FILING DATE: 2002-03-29
 19 <150> PRIOR APPLICATION NUMBER: 60/122,080
 20 <151> PRIOR FILING DATE: 1999-03-01
 22 <160> NUMBER OF SEQ ID NOS: 10
 24 <170> SOFTWARE: PERL Program
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 256
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_feature
 33 <223> OTHER INFORMATION: Incyte ID No: 1450888CD1
 35 <400> SEQUENCE: 1
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 37 1 5 10 15
 38 Leu Leu Ser Ala Ser Ile Leu Val Leu Trp Met Leu Gln Gly Ser
 39 20 25 30
 40 Gln Ala Ala Leu Tyr Ile Gln Lys Ile Pro Glu Gln Pro Gln Lys
 41 35 40 45
 42 Asn Gln Asp Leu Leu Ser Val Gln Gly Val Pro Asp Thr Phe
 43 50 55 60
 44 Gln Asp Phe Asn Trp Tyr Leu Gly Glu Thr Tyr Gly Gly Thr
 45 65 70 75
 46 Arg Leu Phe Thr Tyr Ile Pro Gly Ile Gln Arg Pro Gln Arg Asp
 47 80 85 90
 48 Gly Ser Ala Met Gly Gln Arg Asp Ile Val Gly Phe Pro Asn Gly
 49 95 100 105
 50 Ser Met Leu Leu Arg Arg Ala Gln Pro Thr Asp Ser Gly Thr Tyr
 51 110 115 120
 52 Gln Val Ala Ile Thr Ile Asn Ser Glu Trp Thr Met Lys Ala Lys
 53 125 130 135
 54 Thr Glu Val Gln Val Ala Glu Lys Asn Lys Glu Leu Pro Ser Thr

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55      140      145      150
56 His Leu Pro Thr Asn Ala Gly Ile Leu Ala Ala Thr Ile Ile Gly
57      155      160      165
58 Ser Leu Ala Ala Gly Ala Leu Leu Ile Ser Cys Ile Ala Tyr Leu
59      170      175      180
60 Leu Val Thr Arg Asn Trp Arg Gly Gln Ser His Arg Met Ala Thr
61      185      190      195
62 Thr Glu Lys Pro Glu Leu Gly Pro Ala His Asp Ala Gly Asp Asn
63      200      205      210
64 Asn Ile Tyr Glu Val Met Pro Ser Pro Val Leu Leu Val Ser Pro
65      215      220      225
66 Ile Ser Asp Thr Arg Ser Ile Asn Pro Ala Arg Pro Leu Pro Thr
67      230      235      240
68 Pro Pro His Leu Gln Ala Glu Gln Arg Thr Thr Ser Thr Arg Thr
69      245      250      255
70 Cys
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74 <211> LENGTH: 387
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <223> OTHER INFORMATION: Incyte ID No: 1929823CD1
82 <400> SEQUENCE: 2
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84 1      5      10      15
85 Ala Ala Val Tyr Tyr Leu Ala Glu Tyr Asn Leu Glu Phe Leu Lys
86      20      25      30
87 Thr His Ser Asn Pro Gly Ala Val Leu Leu Leu Pro Phe Val Val
88      35      40      45
89 Ser Cys Ile Asn Leu Ala Val Pro Cys Ile Tyr Ser Met Phe Arg
90      50      55      60
91 Leu Val Glu Arg Tyr Glu Met Pro Arg His Glu Val Tyr Val Leu
92      65      70      75
93 Leu Ile Arg Asn Ile Phe Leu Lys Ile Ser Ile Ile Gly Ile Leu
94      80      85      90
95 Cys Tyr Tyr Trp Leu Asn Thr Val Ala Leu Ser Gly Glu Glu Cys
96      95      100     105
97 Trp Glu Thr Leu Ile Gly Gln Asp Ile Tyr Arg Leu Leu Leu Met
98      110     115     120
99 Asp Phe Val Phe Ser Leu Val Asn Ser Phe Leu Gly Glu Phe Leu
100     125     130     135
101 Arg Arg Ile Ile Gly Met Gln Leu Ile Thr Ser Leu Gly Leu Gln
102     140     145     150
103 Glu Phe Asp Ile Ala Arg Asn Val Leu Glu Leu Ile Tyr Ala Gln
104     155     160     165
105 Thr Leu Val Trp Ile Gly Ile Phe Phe Cys Pro Leu Leu Pro Phe
106     170     175     180
107 Ile Gln Met Ile Met Leu Phe Ile Met Phe Tyr Ser Lys Asn Ile

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108		185		190		195
109	Ser Leu Met Met	Asn Phe Gln Pro Pro	Ser Lys Ala Trp Arg	Ala		
110		200		205		210
111	Ser Gln Met Met	Thr Phe Phe Ile Phe	Leu Leu Phe Phe Pro	Ser		
112		215		220		225
113	Phe Thr Gly Val	Leu Cys Thr Leu Ala	Ile Thr Ile Trp Arg	Leu		
114		230		235		240
115	Lys Pro Ser Ala	Asp Cys Gly Pro Phe	Arg Gly Leu Pro Leu	Phe		
116		245		250		255
117	Ile His Ser Ile	Tyr Ser Trp Ile Asp	Thr Leu Ser Thr Arg	Pro		
118		260		265		270
119	Gly Tyr Leu Trp	Val Val Trp Ile Tyr	Arg Asn Leu Ile Gly	Ser		
120		275		280		285
121	Val His Phe Phe	Phe Ile Leu Thr Leu	Ile Val Leu Ile Ile	Thr		
122		290		295		300
123	Tyr Leu Tyr Trp	Gln Ile Thr Glu Gly	Arg Lys Ile Met Ile	Arg		
124		305		310		315
125	Leu Leu His Glu	Gln Ile Ile Asn Glu	Gly Lys Asp Lys Met	Phe		
126		320		325		330
127	Leu Ile Glu Lys	Leu Ile Lys Leu Gln	Asp Met Glu Lys Lys	Ala		
128		335		340		345
129	Asn Pro Ser Ser	Leu Val Leu Glu Arg	Arg Glu Val Glu Gln	Gln		
130		350		355		360
131	Gly Phe Leu His	Leu Gly Glu His Asp	Gly Ser Leu Asp Leu	Arg		
132		365		370		375
133	Ser Arg Arg Ser	Val Gln Glu Gly Asn	Pro Arg Ala			
134		380		385		
137	<210> SEQ ID NO: 3					
138	<211> LENGTH: 146					
139	<212> TYPE: PRT					
140	<213> ORGANISM: Homo sapiens					
142	<220> FEATURE:					
143	<221> NAME/KEY: misc_feature					
144	<223> OTHER INFORMATION: Incyte ID No: 2050566CD1					
146	<400> SEQUENCE: 3					
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148	1	5	10	15		
149	Tyr Thr Val Arg	Ala Ser Thr Asn Leu	Thr Gln Asn Gly Asp	Cys		
150		20	25	30		
151	Ser Gln Cys Ile	Tyr Gln Val Thr Glu	Val Gly Gln Gln Ile	Lys		
152		35	40	45		
153	Thr Ile Phe Leu	Phe Tyr Ser Tyr Tyr	Glu Cys Met Glu Thr	Leu		
154		50	55	60		
155	Lys Glu Thr Cys	Leu Tyr Asn Ala Thr	Gln Tyr Lys Val Cys	Ser		
156		65	70	75		
157	Pro Arg Asn Asp	Arg Pro Asp Ala Cys	Tyr Asn Pro Ser Glu	Pro		
158		80	85	90		
159	Ala Ala Thr Thr	Val Phe Glu Ile Arg	Thr Gly Leu Leu Leu	Gly		
160		95	100	105		

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161 Asp Thr Ser Lys Ile Ile Thr Arg Thr Glu Glu Lys Glu Ile Pro
162                               110                115                120
163 Lys Gln Ile Thr Leu Arg Phe Asp Ala Cys Ala Ala Ile Asn Ser
164                               125                130                135
165 Lys Lys Leu Glu Ile Gly Cys Gly Ser Leu Asn
166                               140                145
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171 <212> TYPE: PRT
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174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <223> OTHER INFORMATION: Incyte ID No: 2479425CD1
178 <400> SEQUENCE: 4
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180   1                5                10                15
181 Arg Thr Ser Thr Gln Lys His Thr His Leu Ala Val Ser Phe Gly
182                20                25                30
183 Arg Ser Val Pro Glu Ala Pro Val Gly Arg Ser Thr Leu Gln Glu
184                35                40                45
185 Val Val Gly Ile Arg Ser Asp Leu Ala Val Glu Ala Gly Ala Pro
186                50                55                60
187 Tyr Ala Glu Arg Leu Ala Ala Gly Glu Leu Arg Leu Gly Lys Glu
188                65                70                75
189 Gly Thr Asp Arg Tyr Arg Met Val Val Gly Gly Ala Gln Ala Gly
190                80                85                90
191 Asp Ala Gly Thr Tyr His Cys Thr Ala Ala Glu Trp Ile Gln Asp
192                95                100               105
193 Pro Asp Gly Ser Trp Ala Gln Ile Ala Glu Lys Arg Ala Val Leu
194                110               115                120
195 Ala His Val Asp Val Gln Thr Leu Ser Ser Gln Leu Ala Val Thr
196                125               130                135
197 Val Gly Pro Gly Glu Arg Arg Ile Gly Pro Gly Glu Pro Leu Glu
198                140               145                150
199 Leu Leu Cys Asn Val Ser Gly Ala Leu Pro Pro Ala Gly Arg His
200                155               160                165
201 Ala Ala Tyr Ser Val Gly Trp Glu Met Ala Pro Ala Gly Ala Pro
202                170               175                180
203 Gly Pro Gly Arg Leu Val Ala Gln Leu Asp Thr Glu Gly Val Gly
204                185               190                195
205 Ser Leu Gly Pro Gly Tyr Glu Gly Arg His Ile Ala Met Glu Lys
206                200               205                210
207 Val Ala Ser Arg Thr Tyr Arg Leu Arg Leu Glu Ala Ala Arg Pro
208                215               220                225
209 Gly Asp Ala Gly Thr Tyr Arg Cys Leu Ala Lys Ala Tyr Val Arg
210                230               235                240
211 Gly Ser Gly Thr Arg Leu Arg Glu Ala Ala Ser Ala Arg Ser Arg
212                245               250                255
213 Pro Leu Pro Val His Val Arg Glu Glu Gly Val Val Leu Glu Ala

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214	260	265	270
215 Val Ala Trp Leu	Ala Gly Gly Thr Val	Tyr Arg Gly Glu Thr	Ala
216	275	280	285
217 Ser Leu Leu Cys	Asn Ile Ser Val Arg	Gly Gly Pro Pro Gly	Leu
218	290	295	300
219 Arg Leu Ala Ala	Ser Trp Trp Val Glu	Arg Pro Glu Asp Gly	Glu
220	305	310	315
221 Leu Ser Ser Val	Pro Ala Gln Leu Val	Gly Gly Val Gly Gln	Asp
222	320	325	330
223 Gly Val Ala Glu	Leu Gly Val Arg Pro	Gly Gly Gly Pro Val	Ser
224	335	340	345
225 Val Glu Leu Val	Gly Pro Arg Ser His	Arg Leu Arg Leu His	Ser
226	350	355	360
227 Leu Gly Pro Glu	Asp Glu Gly Val Tyr	His Cys Ala Pro Ser	Ala
228	365	370	375
229 Trp Val Gln His	Ala Asp Tyr Ser Trp	Tyr Gln Ala Gly Ser	Ala
230	380	385	390
231 Arg Ser Gly Pro	Val Thr Val Tyr Pro	Tyr Met His Ala Leu	Asp
232	395	400	405
233 Thr Leu Phe Val	Pro Leu Leu Val Gly	Thr Gly Val Ala Leu	Val
234	410	415	420
235 Thr Gly Ala Thr	Val Leu Gly Thr Ile	Thr Cys Cys Phe Met	Lys
236	425	430	435
237 Arg Leu Arg Lys	Arg		
238	440		
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242 <211> LENGTH: 132			
243 <212> TYPE: PRT			
244 <213> ORGANISM: Homo sapiens			
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247 <221> NAME/KEY: misc_feature			
248 <223> OTHER INFORMATION: Incyte ID No: 3073609CD1			
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254 20 25 30			
255 Pro Pro Pro Arg Asp His Leu Ile Trp Ser Val Phe Ser Thr Leu			
256 35 40 45			
257 Tyr Leu Asn Leu Cys Cys Leu Gly Phe Leu Ala Leu Ala Tyr Ser			
258 50 55 60			
259 Ile Lys Ala Arg Asp Gln Lys Val Val Gly Asp Leu Glu Ala Ala			
260 65 70 75			
261 Arg Arg Phe Gly Ser Lys Ala Lys Cys Tyr Asn Ile Leu Ala Ala			
262 80 85 90			
263 Met Trp Thr Leu Val Pro Pro Leu Leu Leu Leu Gly Leu Val Val			
264 95 100 105			
265 Thr Gly Ala Leu His Leu Ala Arg Leu Ala Lys Asp Ser Ala Ala			
266 110 115 120			

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/914,815A

DATE: 07/03/2002

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Input Set : A:\pf0673usn.txt

Output Set: N:\CRF3\07032002\I914815A.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date